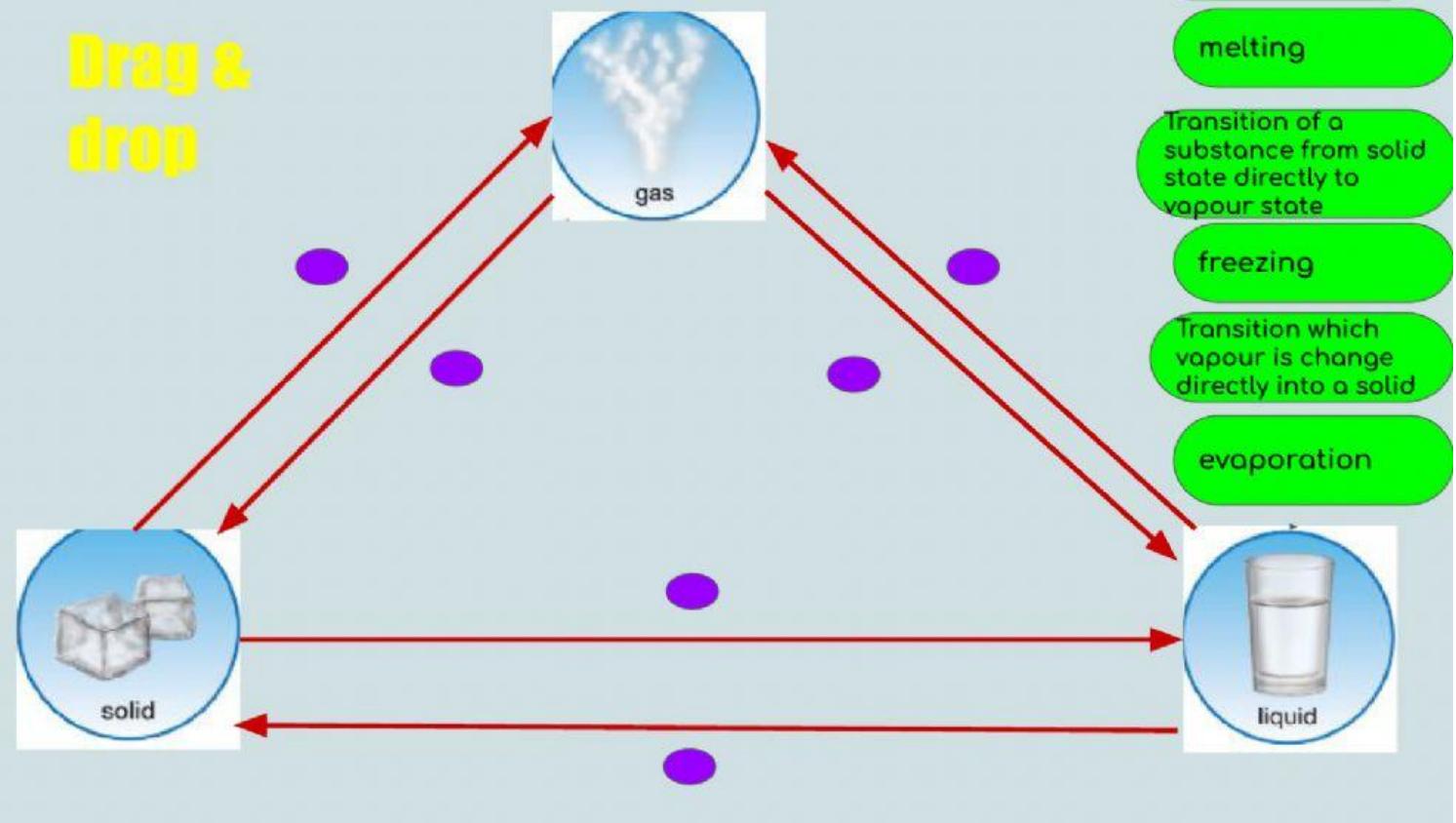


Phase changes of water

Drag & drop





The effect of evaporation on water resources

Water evaporates more quickly from _____, _____ surfaces of water. This happens because _____ water is exposed to the _____ & the _____ effect of the wind.

Complete the blanks



Drag & drop



Surface tension of water

Water has a high _____. Water _____ attract one another strongly.

The _____ molecules at _____ are more strongly attracted to each other than to the _____ molecules above them.

This cause the _____ to behave as if it is a thin _____.

molecules

air

water

surface tension

elastic layer

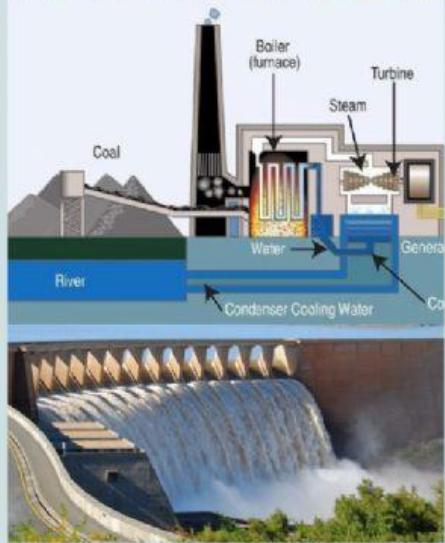
surface

Water surface





Electricity generated by moving water. No air pollution is produced



It's been used for centuries to grind grain as the flowing water turns the wheel.

Join the pictures with their correct definitions

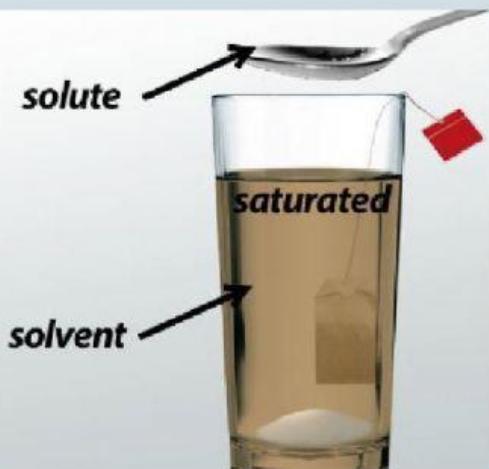
Gas / coal is burned to heat water to make steam. The steam in return drives a turbine which generates electricity

Solvent	Solute	Solution	Made of 2 or more substances mixed together/ with the right solvent
			
			
			<p>The substances that dissolve in a solvent</p>
Drag & Drop	Liquid in which a solute/ other substances can be dissolved		



Factors affecting the rate of dissolving





Choose
the
correct
answer.

- When you heat a _____ solution, the solvent & solute particles move around more quickly & spread further apart. This means the solution is now _____.
- _____ is a solution that contains the maximum amount of dissolved _____ that the solvent can hold at a certain temperature.



Saturated solutions

- ★ If a lot of a substance can dissolve in a solvent, the substance is _____.
- ★ The _____ of a substance is the amount of that substance that will _____ in a certain amount of a solvent.
- ★ _____ means that none of the substance dissolves in a solvent

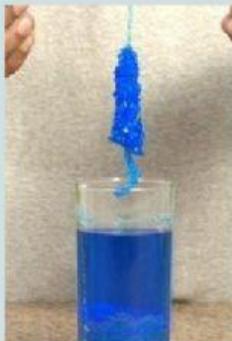
Choose the
correct answer



Solubility

Crystallisation

- During crystallisation, the _____ turns into solid particles called _____.
- Crystallisation can be achieved by _____ a solution so that the solvent _____, leaving crystals of the _____ behind.



- _____ can be separated from the solvent of a _____ by the process of _____

Complete the
blanks